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THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-954, DATED 24 MAR 67. (TEXT WHICH FOLLOWED WAS IDENTICAL TO MISSION CITED ABOVE.)

SECRET

-- END OF MESSAGE --

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Approved For Release 2006/03/16: CIA-RDP78B03817A000400030097-2 PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-954, DATED 24 MAR 67.

THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE > Take or COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS--C GCLEARH, SC GSCATTERED CLOUD COVERH, HC BHEAVY CLOUD COVERH, H BHAZEH, CS BCLOUD SHADOWH, SD BSEMIDARKNESSH, GC DEROUND COVERT, CF DCAMOUFLAGET, O DOBLIQUITYT, AND GR @GROUND RESOLUTION#.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G GGOODE, F GFAIRE, OR P GPOORE. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T GTOTALE OR PT MPARTIALH. THE MODE OF COVERAGE IS SIGNIFIED BY ST DSTEREOM, NS DNONSTEREOM, OR PS DPARTIAL STEREOM.

AAA DEFENSES ARE DIVIDED INTO FOUR BASIC CATEGORIES -- LIGHT 021-75 MMH, MEDIUM 076-100 MMH, HEAVY GOVER 100 MMH, AND AUTOMATIC TWEAPONS DZPU-1, ZPU-2, AND ZPU-44. IF THE CATEGORY CANNOT BE DETERMINED. THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED DEXAMPLE -- 6-GUN AAA SITE, OCCUPIED/UNOCCUPIEDH.

MISSILES

CU 2309N 08202W CAMPO FLORIDO SAM SITE A07-2 OB -- 6 EMPLACED LAUNCHERS WAT LEAST 3 WITH MISSILESE, 11 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 5 ASSOCIATED VAN TRAILERS, AN ACQUISITION RADAR WITH GENERATOR VAN. AND AT LEAST 26 OTHER VEHICLES/PIECES OF EQUIPMENT.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE. NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

25X1

5X1

5X1

X1

CU 2236N 08005W CIFUENTES SAM ASSEMBLY AREA OB -- 12 MISSILE TRANSPORTERS AND 17 OTHER VEHICLES. NO APPARENT CHANGE IN FACILITIES.

CU 2052N 07627W HOLGUIN SAM SITE B27-2 OB -- 6 EMPLACED LAUNCHERS DAT LEAST 2 WITH MISSILES # , 7 MISSILE TRANSPORTERS, AND AN OCCUPIED CENTRAL

3 GUIDANCE AREA. NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

CU 2846N 87619W HOLGUIN AIRFIELD SAM SITE OB -- 6 EMPLACED LAUNCHERS, 1 MISSILE TRANSPORTER, AN OCCUPIED CENTRAL GUIDANCE AREA, AND 6 OTHER VEHICLES OBSERVED.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

CO 2223N 08010W RANCHUELO SAM SITE A33-2 OB -- 6 EMPLACED LAUNCHERS, 12 MISSILE TRANSPORTERS @1 WITH EXPOSED MISSILEM, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, AN ACQUISITION RADAR WITH GENERATOR VAN. 11 ZIL-157V TRUCK TRACTORS, 2 VAN TRUCKS, 2 CARGO TRUCKS, AND 1 VAN TRAILER. ADDADENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

SANTA CLARA SAM SITE A34-2 CO 2229N 08000W PERMANENT SITE REMAINS UNDER CONSTRUCTION. OB WAT TEMPORARY ADJACENT SITEH -- 5 EMPLACED LAUNCHERS \$02 WITH MISSILES 12 MISSILE TRANSPORTERS @1 WITH EXPOSED MISSILEH, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, AND 12 CARGO TRUCKS.
ACTIVITY Approved For Release 3006/03/165 CHA-RDP78B03817A000400030097-2

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

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SANTA ISABEL DE LAS LAJAS SAM SITE A35-2
                                                 CU 2228N 08918W
      TRAILERS, AN ACQUISITION RADAR WITH GENERATOR VAN, 14
      ZIL-157V TRUCK TRACTORS, 1 TRUCK-MOUNTED CRANE, AND 4
      CARGO TRUCKS.
25X1
      ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
      NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.
      CONSTANCIA SAM SITE A10-2 CU 2214N 08030W
      OB -- 6 EMPLACED LAUNCHERS, AT LEAST 7 MISSILE
      TRANSPORTERS, AN OCCUPIED CENTRAL GUIDANCE AREA, AND
25X1
      APPROXIMATELY 20 VEHICLES.
      NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.
      LA MAYA SAM SITE
                         CU 2014N 07540W
      OB -- 6 EMPLACED LAUNCHERS, 5 MISSILE TRANSPORTERS, A
      FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, AN
      ACQUISITION RADAR WITH GENERATOR VAN, 5 ZIL-157V TRUCK
      TRACTORS, 1 K-61 TRUCK-MOUNTED CRANE, AND 3 OTHER VAN
      TRAILERS.
      NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.
25
                                 AIR FACILITIES
                                   CU 2229W 87956W
      CAMILO CIENFUEGOS AIRFIELD
      OB -- 31 FAGOT/FRESCO @1 BEING ASSEMBLED#, 1 SMALL
25X-
      LIAISON, AND 2 HOUND.
      ACTIVITY -- 5 MIG-17 CRATES.
      CAMAGUEY INTERNATIONAL AIRFIELD CU 2125N 07750W
25X-1
      OB -- 2 COKE, 1 C-47, 1 C-46, 1 LIAISON, AND 18 HOUND.
      ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.
      HOLGUIN AIRFIELD CU 2047N 07618W
      OB -- 6 FAGOT/FRESCO, 1 COKE, 2 CRATE, AND 1 HOUND.
      ACTIVITY -- AT LEAST 6 NEW COVERED AIRCRAFT REVETMENTS
      OBSERVED UNDER CONSTRUCTION.
25X1
      LOS CANOS AIRFIELD CU 2005N 07509W
      OB -- 1 COLT.
25X
25X1
       CORONEL PASCUAL AIRFIELD CU 2307N 08117W
       OB -- NONE OBSERVED.
       JAIME GONZALES AIRFIELD CU ZZWAN $8024W
       OB -- 1 COOT WITHOUT OUTER WING PANELS.
5X1
       BAYAMO AIRFIELD EAST
                             CU 2022N 07637W
       OB -- 3 COLT.
5<u>X1</u>
                                                                              190-- 90
       BAYAMO AIRFIELD CU 2023N 07637W
       OB -- NONE OBSERVED.
                                                                              2-3
       CONSTRUCTION CONTINUES.
5X:
                               NAVAL ACTIVITY/PORTS
                               CU 2208N 08027W
       CIENFUEGOS NAVAL BASE
       VESSELS -- 4 LARGE FREIGHTERS.
5X.
       MANZANILLO PORT CU 201N 07707W
VESSELS -- NONE OBSERVE Se 2006/03/16 : CIA-RDP78B03817A
25X
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NUEVITAS PORT CU 2132N 97715W

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VESSELS -- 5 FREIGHTERS.
                  Approved For Release 2006/03/16: CIA-RDP78B03817A 0400030097-2
25X1
                       CU 2256N Ø8ØØØW
     2 LA ISABELA PORT
      VESSELS -- 2 LARGE FREIGHTERS.
25X1_
                        CU 2231N Ø7928W
      CAIBARIEN PORT
      VESSELS -- 3 LARGE FREIGHTERS AT CAYO FRANCIS.
25X1
      CARDENAS PORT
                       CU 2302N 08111W
      <u>VESSELS -- 1 LARGE FREIGHTER.</u>
25X1
      CASILDA PORT
                      CU 2145N Ø7959W
      VESSELS -- NONE OBSERVED.
25X1
      MATANZAS PORT
                       CU 2302N 08134W
      OR -- 5 LARGE FREIGHTERS AND 1 COASTAL FREIGHTER.
25¥
                          CU 2055N 07542W
      BANES NAVAL BASE
      OB -- 2 S.O.1-CLASS SC.
                            ELECTRONICS/COMMUNICATIONS
25X1 3 HOLGUIN EW/GCI RADAR SITE
                                   CU 2048N 07618W
      OB -- 1 PROBABLE TOKEN-TYPE RADAR, 3 VAN TRAILERS, AND
       1 VAN TRUCK OBSERVED IN CLOUD-FREE AREAS.
25X1
      PUNTA MAISI LOW SIEVE RADAR SITE CU 2014N 07409W
      OB -- 1 LOW SIEVE RADAR.
      PRESTON RADAR SITE
                            CU 2044N 07538W
       1 NM SSE OF PRESTON AT 28-44-25N 875-38-48W QUTM
      17QVT328934#.
      OB -- 1 FLAT FACE RADAR, 1 PROBABLE FLAT FACE RADAR, 2
      GENERATOR TRAILERS, AND 2 VAN TRAILERS.
      MMAP REFERENCE -- AMS SERIES E723, SHEET 5078-II, 2D
      FD.H
25)
       CARENERITO RADAR SITE
                              CU 2043N 07526W
       1.3 NM EAST OF CARENERITO AT 20-43-45N 075-26-45W BUTM
       17QUT536921¤.
       OB -- 2 PROBABLE SHEET BEND RADARS, 2 GENERATOR
       TRAILERS, 2 VAN TRUCKS, AND 1 UNIDENTIFIED PIECE OF
      EQUIPMENT.
       FACILITIES CONSIST OF 2 SMALL SUPPORT BUILDINGS.
       OMAP REFERENCE -- AMS SERIES E723, SHEET 5178-III, 1ST
       ED.¤
25X1
                                 MILITARY ACTIVITY
       ALTO CEDRO MILITARY CAMP CU 2029N 07600W
       OB -- 11 TANKS/SP GUNS, 43 FA PIECES, 6 AAA PIECES, 17
       MORTARS, 11 BTR 60-P, 98 CARGO TRUCKS, 4 VAN TRUCKS,
       AND 6 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT.
       ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
25X.
       GUANTANAMO AREA CU 2018N 07525W
       NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.
       AREAS 1 AND 3 -- 30 PERCENT USEABLE COVERAGE.
       AREAS 2 AND 9 -- 70 PERCENT USEABLE COVERAGE.
       AREAS 4 AND 8 -- 80 PERCENT USEABLE COVERAGE.
       AREA 5 -- 60 PERCENT USEABLE COVERAGE.
       AREAS 6 ANDAPPROVED FOR RELEASE 2006/03/15 CIA RDP 78B03817A000400030097-2
25X1
                                 CU 2227N 87935W
       REMEDIOS MILITARY AREA
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PROBABLE AND PIFCES, 12 MORTARS,

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122 CARGO TRUCKS, AND 4 VAN TRUCKS.
      NO APPARENT CHANGE IN FACILITIES.
      CORRALILLO MILITARY AREA
                                 CU 2301N 08038W
25X1
      OB -- NONE OBSERVED.
      NO APPARENT CHANGE IN FACILITIES.
      LIMONAR MILITARY CAMP SE CU 2255N 88124W
25X
      OB -- 5 CARGO TRUCKS.
      NO APPARENT CHANGE IN FACILITIES.
      MARTI ARMOR TRAINING AREA
                                  CU 2258N Ø8Ø59W
25×
      OB -- NONE OBSERVED.
      NO APPARENT CHANGE IN FACILITIES.
    &MINAS MILITARY CAMP
                            CU 2127N 07734W
      OB -- 17 TANKS/SP GUNS, 9 CARGO TRUCKS, AND 1 CARGO
      TRAILER.
      NO APPARENT CHANGE IN FACILITIES.
25<u>X</u>1
      OFELIA MILITARY CAMP CU 2006N 07530W
      OB -- 15 TANKS/SP GUNS, 6 AAA PIECES, AND AT LEAST 38
25X1°
      CARGO TRUCKS.
      NO APPARENT CHANGE IN FACILITIES.
                                            CU 2222N 08000W
      SANTA CLARA ARTILLERY TRAINING AREA
25X
      OB -- 6 FA PIECES, 18 AAA PIECES, AND 8 CARGO TRUCKS.
      NO APPARENT CHANGE IN FACILITIES.
      SANTA CLARA MILITARY ACTIVITY CU 2220N 07957W
      OB -- APPROXIMATELY 50 CARGO TRUCKS AND 1 FLATBED
      TRACTOR-TRAILER TRUCK.
      NO APPARENT CHANGE IN FACILITIES.
25X1
      SANTA CLARA MILITARY CAMP SOUTH
                                        CU 2222N Ø7958W
25X1
                                                                            3-3
      OB -- 26 CARGO TRUCKS.
      NO APPARENT CHANGE IN FACILITIES.
      LAS MERCEDES VEHICLE PARK
                                  CU 2224N 08001W
25X1
      OB -- AT LEAST 92 VEHICLES.
      NO APPARENT CHANGE IN FACILITIES.
      LA CHARCA MILITARY ACTIVITY
                                    CU 2246N 08036W
      CONSTRUCTION CONTINUES.
      OB QMAIN CAMPH -- 2 FA PIECES, 11 BTR-60P, AT LEAST 100
      CARGO TRUCKS, AND AT LEAST 12 SMALL VEHICLES/PIECES OF
      EQUIPMENT.
      OB DCAMP 2.0 NM SOUTHH -- 16 TANKS/SP GUNS AND 10 CARGO
      TRUCKS.
     PACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
25X1
      CIENFUEGOS MILITARY ACTIVITY CU 2209N 08027W
25X
      OB -- 15 FA PIECES AND 11 CARGO TRUCKS.
      NO APPARENT CHANGE IN FACILITIES.
      CONDADO PROBABLE MILITARY INSTALLATION CU 2152N 07951W
25X1-
      OB -- NONE OBSERVED.
      NO APPARENT CHANGE IN FACILITIES.
      MATANZAS LANDING BEACH CU 2006/03/16/8GIA-RDP78B03817A 400030097-2
25X1
      NO NEW MILITARY ACTIVITY OBSERVED.
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20/1 CU 2042N 07533W NICARO LANDING BEACH NO NEW MILITAMPYOVERNTTON TROLE 2018 SECTION 103/16: CIA-RDP78B03817 A000400030097-2 25X1 CU 2039N 07453W MOA DPUNTA GORDAM LANDING BEACH NO NEW MILITARY ACTIVITY OBSERVED. 25X1 3 GANUZA LANDING BEACH CU 2305N 08030W NO NEW MILITARY ACTIVITY OBSERVED. 25X1 CU 20**39N 07**502W MOA OCANANOVAH LANDING BEACH NO NEW MILITARY ACTIVITY OBSERVED. 25X1 CAYO DE SABINAL LANDING BEACH CU 2144N Ø7728W NO NEW MILITARY ACTIVITY OBSERVED. 25X1 PENINSULA DE HICACOS LANDING BEACH CU 2311N 08130W NO NEW MILITARY ACTIVITY OBSERVED. MATANZAS MILITARY INSTALLATION SAN MARTIN CU 2381N 88131W OB -- 57 FA PIECES, 15 AAA PIECES, 17 TRACKED PRIME MOVERS. AND 17 CARGO TRUCKS. ACTIVITY -- 2 OCCUPIED 3-GUN AAA SITES. NO APPARENT CHANGE IN FACILITIES. CU 2254W Ø8143W CEIBA MOCHA STORAGE AREA T NM SOUTH OF CEIBA MOCHA AT 22-54-48N Ø81-43-15W. AREA 1 QUTM 179MR260338# -- CONTAINS EXGAVATIONS FOR PROBABLE STORAGE BUNKERS AND 8 SUPPORT BUILDINGS. NUMEROUS CONCRETE ARCHED-ROOF SECTIONS OBSERVED IN THE AREA. AREA 2 QUTM 17QMR248338# -- CONTAINS 9 LARGE STORAGE 25X BUILDINGS AND 2 SUPPORT BUILDINGS. QMAP REFERENCE -- AMS SERIES E723, SHEET 3884-I, 2D ED -STATUS OF OTHER TARGETS-THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE --SANTA CLARA EW/GCI RADAR SITE 2229N Ø7956W PUNTA MULAS SUSPECT LOW SIEVE RADAR SITE 2101N 07535W 2229N 07953W SAN MIGUEL EW/GCI RADAR SITE 1958N 07457W PLAYA YATERITAS LANDING BEACH THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED --2258N 08200W LA CATALINA SAM SITE A34-2 SAGUA LA GRANDE EW/GCI RADAR SITE 2 2248N Ø8ØØ6W 2014N 07547W DOS CAMINOS MILITARY CAMP 60-1

BT